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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Annie Yang et al.

Application No.: 10/716,359

Filed: November 18, 2003

For: Cell Regulatory Genes, Encoded  
Products, and Uses Related Thereto

Examiner: Not yet known

Art Unit: 1642

Attorney Docket No.: HMV-038.04

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450 on September 17, 2004.

  
John Barretto

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 (b)(3)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the requirements of 37 C.F.R. 1.56 and 1.97(b)(3), submitted herewith on Form PTO-1449 is a list of publications identified in a communication from the United States Patent and Trademark Office issued in a related application. Applicants respectfully request that the Examiner consider the listed publications and indicate they were considered by making appropriate notations on the attached Form 1449.

This submission does not represent that a search has been made or that no better art exists. Nor does it constitute an admission that the cited documents are material or constitute

“prior art.” If the Examiner applies the listed documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute “prior art” under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the referenced documents be applied against the claims of the present application.

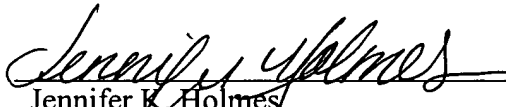
Applicants have listed dates of publication on the attached PTO-1449 for the cited documents based on information presently available to the undersigned. However, the listed publication dates should not be construed that the information in the cited documents was actually published or otherwise publicly available on the date indicated.

Under 37 C.F.R. § 1.97 (b)(3), this Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits; therefore, no fee is believed to be due in connection with this submission. However, the Commissioner is authorized to charge any deficiencies or credit any overpayment to/from our **Deposit Account, No. 06-1448, Reference HMV-038.04.**

Date: September 17, 2004

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Respectfully Submitted,

  
\_\_\_\_\_  
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Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

SEP 23 2004

Docket Number (Optional)  
HNV-038.04Application Number  
10/716,359Applicant  
Yang et al.Filing Date  
November 18, 2003Group Art Unit  
1642**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BT	6,518,256	02/11/256	Wang et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

BU	Baylin et al., "KILLER/DR5 is a DNA damage-inducible p53-regulated death receptor gene," Nature Genetics, 17:141-142 (1997)
BV	Beaudry et al., "Therapeutic targeting of the p53 tumor suppressor gene," Pharmaceutical Biotechnology, 592-600
BW	Cviko et al., "Adenoid basal carcinomas of the cervix: a unique morphological evolution with cell cycle correlates," Hum Pathol., 31(6):740-744 (2000)
BX	Damiani et al., "Myoepithelial cells and basal lamina in poorly differentiated in situ duct carcinoma of the breast," Virchows Arch, 434:27-234 (1999)
BY	De Laurenzi et al., "Evolution of Functions within the p53/p63/p73 Family," Ann N Y Acad Sci., 926:90-100 (2000)
BZ	Foschini et al., "Carcinomas of the breast showing myoepithelial cell differentiation," Virchows Arch, 432:303-310 (1998)
CA	Friedman et al., "The p53 protein is an unusually shaped tetramer that binds directly to DNA," Proc. Natl. Acad. Sci., 90:3319-3323 (1993)
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		Applicant Yang et al.	
		Filing Date November 18, 2003	Group Art Unit 1642
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>			
	CB	Huibregtse et al., "A cellular protein mediates association of p53 with the E6 oncoprotein of human papillomavirus types 16 or 18," The EMBO Journal, 10(13):4129-4135 (1991)	
	CC	Huibregtse et al., "Cloning and Expression of the cDNA for E6-AP, a Protein that Mediates the Interaction of the Human Papillomavirus E6 Oncoprotein with p53," Molecular and Cellular Biology, 13(2):775-784 (1993)	
	CD	Ince et al., "p63 Coordinates Anogenital Modeling and Epithelial Cell Differentiation in the Developing Female Urogenital Tract," Am Journal of Pathol., 161(4):1111-1117 (2002)	
	CE	Lazar et al., "Transforming Growth Factor $\alpha$ : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities," Molecular and Cellular Biology, 8(3):1247-1252 (1988)	
	CF	Le Bras et al., "Monoclonal antibodies raised against Xenopus p53 interact with human p73," Oncogene, 21:1304-1308 (2002)	
	CG	Levero et al., "The p53/p63/p73 family of transcription factors: overlapping and distinct functions," J Cell Sci. 113:1661-1670 (2000)	
	CH	Lohrum et al., "Regulation and function of the p53-related proteins: same family, different rules," Trends Cell Biol., 10(5):197-202 (2000)	
	CI	Mills et al., "p63 is a p53 homologue required for limb and epidermal morphogenesis," Nature, 398:708-713 (1999)	
	CJ	Nayar et al., "Immunoreactivity of ductal cells with putative myoepithelial markers: a potential pitfall in breast carcinoma," Ann Diagn Pathol., 3:165-173 (1999)	
	CK	O'Connell et al., "Identification of a Basal/Reserve Cell Immunophenotype in Benign and Neoplastic Endometrium: A Study with the p53 Homologue p63," Gynecol Oncol., 80(1):30-36 (2001)	
	CL	Osada et al., "Cloning and functional analysis of human p51, which structurally and functionally resembles p53," Nat Med., 4(7):839-843 (1998)	
	CM	Quade et al., "Expression of the p53 Homologue p63 in Early Cervical Neoplasia," Gynecol Oncol, 80(1):24-29 (2001)	
	CN	Ramnani et al., "Basal Cell-Specific Anti-Keratin Antibody 34 $\beta$ E12: Optimizing Its Use in Distinguishing Benign Prostate and Cancer," Mod. Pathology, 12:443-444 (1999)	
	CO	Sakamoto et al., "Specific sequences from the carboxyl terminus of human p53 gene product form anti-parallel tetramers in solution," Proc. Natl. Acad. Sci., 9:8974-8978 (1994)	
	CP	Scheffner et al., "Interaction of the Human Papillomavirus Type 16 E6 Oncoprotein with Wild-Type and Mutant Human p53 Proteins," Journal of Virology, 66(8):5100-5105 (1992)	
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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		Applicant Yang et al.	
		Filing Date November 18, 2003	Group Art Unit 1642
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>			
	CQ	Scheffner et al., "The HPV-16E6 and E6-AP Complex Functions as a Ubiquitin-Protein Ligase in the Ubiquitination of p53," Cell, 75:495-505 (1993)	
	CR	Schweizer et al., "A reversibly palmitoylated resident protein (p63) of an ER-Golgi intermediate compartment is related to a circulatory shock resuscitation protein," Journal of Cell Science, 4:685-694 (1993)	
	CS	Senoo et al., "A Second p53-Related Protein, p73L, with High Homology to p73," Biochem Biophys Res Commun., 248(3):603-607 (1998)	
	CT	Signoretti et al., "Basal Cell Specific p63 is Useful in the Differential Diagnosis of benign vs. Malignant Lesions of the Prostate," Presentation at the United States and Canadian Academy of Pathology (USCAP), March 29, 2000	
	CU	Signoretti et al., "p63 Is a Prostate Basal Cell Marker and is Required for Prostate Development," Am Journal of Pathol., 157(6):1769-1775 (2000)	
	CV	Sternlicht et al., "The Human Myoepithelial Cell Is a Natural Tumor Suppressor," Clin Cancer Research, 3:1949-1958 (1997)	
	CW	Theis et al., "A function in apoptosis other than transactivation inherent in the NH <sub>2</sub> -terminal domain of p53," International Journal of Cancer, 71:858-866 (1997)	
	CX	Totten et al., "Microscopic Differential Diagnosis of Latent Carcinoma of Prostate," Arch Pathol., 55:131-141 (1953)	
	CY	Trink et al., "A new human p53 homologue," Nat. Med. 4(7):747-748 (1998)	
	CZ	Urist et al., "Loss of p63 Expression is Associated with Tumor Progression in Bladder Cancer," Am Journal of Pathol., 161(4):1199-1206 (2002)	
	DA	Varma et al., "Discriminant staining patterns of small glandular and preneoplastic lesions of the prostate using high molecular weight cytokeratin (HMCK) - A study of 301 consecutive needle biopsies," Abstract, Mod Pathol., 1997, 10:93A	
	DB	Varma et al., "Effect of Formalin Fixation and Epitope Retrieval Techniques on Antibody 34βE12 Immunostaining of Prostatic Tissues," Mod Pathol., 12:472 (1999)	
	DC	Wang et al., "Histologic and Immunophenotypic Classification of Cervical Carcinomas by Expression of the p53 Homologue p63: A Study of 250 Cases," Hum Pathol., 32(5):479-486 (2001)	
	DD	Yang et al., "Lineage-specific expression of the P53 homologue P63 in genital tract neoplasia," Abstract, Mod Pathol., January 1999, 127A	
	DE	Yang et al., "P63: a P53 homologue that is a differentiation-specific marker in cervical squamous epithelium," Abstract, Mod Pathol., January 1999, 178A	
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HMV-038.04

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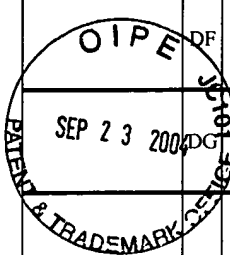
Yang et al.

Filing Date

November 18, 2003

Group Art Unit

1642

**OTHER DOCUMENTS***(Including Author, Title, Date, Pertinent Pages Etc.)*

 Yang et al., "Rare Expression of High-Molecular-Weight Cytokeratin in Adenocarcinoma of the Prostate Gland," Am J Surg Pathol., 23(2):147-152 (1999)

Zeng et al., "NBP is the p53 homolog p63," Carcinogenesis, 22(2):215-219 (2001)

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